810 Invoice

Functional Group ID=IN

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Invoice Transaction Set (810) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the billing for goods and services provided.

Notes:

1. Use this transaction set to transmit commercial invoices to a Federal Government activity responsible for initiating the payment.

2. Use a single occurrence of this transaction to invoice or provide adjustments for one or more deliveries or service performances, provided to the Federal Government on one or more shipments.

3. Use to transmit commercial invoice data only from one invoice preparing party to one invoice receiving party.

4. Not all segments, data elements, or codes are used by all agencies.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
5	010	ST	Transaction Set Header	M	1		
6	020	BIG	Beginning Segment for Invoice	M	1		
Not Used	030	NTE	Note/Special Instruction	O	100		
9	040	CUR	Currency	O	1		
Not Used	050	REF	Reference Identification	O	12		
Not Used	055	YNQ	Yes/No Question	O	10		
Not Used	060	PER	Administrative Communications Contact	O	3		
			LOOP ID - N1			200	
12	070	N1	Name	O	1		
15	080	N2	Additional Name Information	O	2		
16	090	N3	Address Information	O	2		
17	100	N4	Geographic Location	O	1		
18	110	REF	Reference Identification	O	12		
21	120	PER	Administrative Communications Contact	O	3		
Not Used	125	DMG	Demographic Information	O	1		
23	130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1		
26	140	DTM	Date/Time Reference	O	10		

28	150	FOB	F.O.B. Related Instructions	O	1	
Not Used	160	PID	Product/Item Description	O	200	
Not Used	170	MEA	Measurements	O	40	
Not Used	180	PWK	Paperwork	O	25	
Not Used	190	PKG	Marking, Packaging, Loading	O	25	
Not Used	200	L7	Tariff Reference	O	1	
Not Used	212	BAL	Balance Detail	O	>1	
Not Used	213	INC	Installment Information	O	1	
Not Used	214	PAM	Period Amount	O	>1	
			LOOP ID - LM			10
Not Used	220	LM	Code Source Information	O	1	
Not Used	230	LQ	Industry Code	M	100	
			LOOP ID - N9			1
Not Used	240	N9	Reference Identification	O	1	
Not Used	250	MSG	Message Text	M	10	
			LOOP ID - V1			>1
Not Used	260	V1	Vessel Identification	O	1	
Not Used	270	R4	Port or Terminal	O	>1	
Not Used	280	DTM	Date/Time Reference	O	>1	
			LOOP ID - FA1			>1
30	290	FA1	Type of Financial Accounting Data	O	1	
31	300	FA2	Accounting Data	M	>1	

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - IT1			200000	
32	010	IT1	Baseline Item Data (Invoice)	O	1		
Not Used	012	CRC	Conditions Indicator	O	1		
Not Used	015	QTY	Quantity	O	5		n1
Not Used	020	CUR	Currency	O	1		
Not Used	030	IT3	Additional Item Data	O	5		
37	040	TXI	Tax Information	O	10		
Not Used	050	CTP	Pricing Information	O	25		
Not Used	055	PAM	Period Amount	O	10		
Not Used	059	MEA	Measurements	O	40		
			LOOP ID - PID			1000	
39	060	PID	Product/Item Description	O	1		
Not Used	070	MEA	Measurements	O	10		
Not Used	080	PWK	Paperwork	O	25		
Not Used	090	PKG	Marking, Packaging, Loading	O	25		
Not Used	100	PO4	Item Physical Details	O	1		
41	110	ITD	Terms of Sale/Deferred Terms of Sale	O	2		
44	120	REF	Reference Identification	O	>1		
Not Used	125	YNQ	Yes/No Question	O	10		

Not Used	130	PER	Administrative Communications Contact	O	5
Not Used	140	SDQ	Destination Quantity	O	500
46	150	DTM	Date/Time Reference	O	10
48	160	CAD	Carrier Detail	O	>1
Not Used	170	L7	Tariff Reference	O	>1
Not Used	175	SR	Requested Service Schedule	O	1
			LOOP ID - SAC			25
50	180	SAC	Service, Promotion, Allowance, or Charge Information	O	1
53	190	TXI	Tax Information	O	10
			LOOP ID - SLN			1000
55	200	SLN	Subline Item Detail	O	1
Not Used	205	DTM	Date/Time Reference	O	1
Not Used	210	REF	Reference Identification	O	>1
Not Used	220	PID	Product/Item Description	O	1000
Not Used	230	SAC	Service, Promotion, Allowance, or Charge Information	O	25
Not Used	235	TC2	Commodity	O	2
Not Used	237	TXI	Tax Information	O	10
			LOOP ID - N1			200
59	240	N1	Name	O	1
61	250	N2	Additional Name Information	O	2
62	260	N3	Address Information	O	2
63	270	N4	Geographic Location	O	1
Not Used	280	REF	Reference Identification	O	12
Not Used	290	PER	Administrative Communications Contact	O	3
Not Used	295	DMG	Demographic Information	O	1
			LOOP ID - LM			10
Not Used	300	LM	Code Source Information	O	1
Not Used	310	LQ	Industry Code	M	100
			LOOP ID - V1			>1
Not Used	320	V1	Vessel Identification	O	1
Not Used	330	R4	Port or Terminal	O	>1
Not Used	340	DTM	Date/Time Reference	O	>1
			LOOP ID - FA1			>1
64	350	FA1	Type of Financial Accounting Data	O	1
65	360	FA2	Accounting Data	M	>1

Summary:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
66	010	TDS	Total Monetary Value Summary	M	1		
67	020	TXI	Tax Information	O	10		
69	030	CAD	Carrier Detail	O	1		
Not Used	035	AMT	Monetary Amount	O	>1		

			LOOP ID - SAC			25	
71	040	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
74	050	TXI	Tax Information	O	10		
			LOOP ID - ISS			>1	
Not Used	060	ISS	Invoice Shipment Summary	O	1		
Not Used	065	PID	Product/Item Description	O	1		
76	070	CTT	Transaction Totals	O	1	n2	
77	080	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. The QTY segment is used to specify a quantity of units which are expected as payments, e.g., trade-ins or returns.

2. Number of line items (CTT01) is the accumulation of the number of IT1 segments. If used, hash total (CTT02) is the sum of the value of quantities invoiced (IT102) for each IT1 segment.

Segment: **ST** **Transaction Set Header**
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	ST01	143	**Transaction Set Identifier Code**	M ID 3/3
			Code uniquely identifying a Transaction Set	
			810 Invoice	
M	ST02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			Use to transmit a unique number assigned by the originator of the transaction set. This number may be system generated.	

	Segment:	**BIG** Beginning Segment for Invoice
	Position:	020
	Loop:	
	Level:	Heading
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates
	Syntax Notes:	
	Semantic Notes:	**1** BIG01 is the invoice issue date.
		2 BIG03 is the date assigned by the purchaser to purchase order.
		3 BIG10 indicates the consolidated invoice number. When BIG07 contains code CI, BIG10 is not used.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	BIG01	373	**Date**	**M DT 8/8**
			Date expressed as CCYYMMDD	
			Use to identify the date the transaction set was created. In the context of a commercial invoice, this date will represent the date of the invoice.	
M	BIG02	76	**Invoice Number**	**M AN 1/22**
			Identifying number assigned by issuer	
			Use to uniquely identify the invoice transaction to an issuer. The invoice number may not be duplicated by a issuer in an original transaction (BIG08, code 00) within a 12 month period. Same number can be used if issuing an amended invoice (BIG08 is code 01, 05, or 07).	
	BIG03	373	**Date**	**O DT 8/8**
			Date expressed as CCYYMMDD	
			When BIG05 is used, cite the date of the delivery order, call or release. When BIG05 is not used, cite the date of the award instrument in BIG04.	
Must Use	BIG04	324	**Purchase Order Number**	**O AN 1/22**
			Identifying number for Purchase Order assigned by the orderer/purchaser	
			Enter the purchase order number, contract number (including Federal Supply Schedules, GSA Schedules and all other basic contracts), BPA number, Grant, Lease or Agreement number. This is always the Procurement Instrument Identification Number (PIIN) for DOD or the equivalent expression for Civilian Agencies. This is never the number of a delivery order, call or release against a basic award instrument. That number is carried in BIG05. This number shall be transmitted without dashes.	
	BIG05	328	**Release Number**	**O AN 1/30**

Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction

Enter the number of a release, call or delivery order against a basic award instrument. This is always the Supplemental Procurement Instrument Identification Number (SPIIN) for DOD or the equivalent expression for Civilian Agencies. This number shall be transmitted without dashes.

	BIG06	**327**	**Change Order Sequence Number**	**O**	**AN 1/8**

Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set

Use, as applicable, to identify a modification number to the instrument in BIG05. If BIG05 is blank, it identifies a modification number to the PIIN in BIG04.

Must Use	**BIG07**	**640**	**Transaction Type Code**	**O**	**ID 2/2**

Code specifying the type of transaction

AI	Adjusted Invoice	
CI	Consolidated Invoice	

1. Use to indicate a consolidated invoice for such things as credit card purchases.

2. This code is not used by all departments and agencies. Check with your trading partner for ability to use.

CN	Credit Invoice	
CO	Corrected	
CR	Credit Memo	
DI	Debit Invoice	

Use to indicate an ordinary invoice.

DO	Drop Shipment Invoice	
DR	Debit Memo	
PR	Product (or Service)	

Use to indicate an original invoice submitted by the utility industry. When this code is used, BIG08 must cite code 00.

RE	Rebill	

Must Use	**BIG08**	**353**	**Transaction Set Purpose Code**	**O**	**ID 2/2**

Code identifying purpose of transaction set

00	Original	

Use to indicate the initial submission of an original invoice or a replacement invoice for one that was cancelled but which has a new number assigned.

01	Cancellation	

			Use to indicate the cancellation of a previously submitted invoice.		
		05	Replace		
			Use to indicate a replacement invoice using the same invoice number as a previously submitted invoice. When used, the replacement invoice will overwrite the original invoice in the receiving data base.		
		07	Duplicate		
			Use to indicate a duplicate a retransmission of an original 810 transaction set.		
	BIG09	**306**	**Action Code**	**O**	**ID 1/2**
			Code indicating type of action		
		F	Final		
			Use to indicate the final invoice. Do not use for partial invoices.		
Not Used	**BIG10**	**76**	**Invoice Number**	**O**	**AN 1/22**
			Identifying number assigned by issuer		

Segment:	**CUR** Currency		
Position:	040		
Loop:			
Level:	Heading		
Usage:	Optional		
Max Use:	1		
Purpose:	To specify the currency (dollars, pounds, francs, etc.) used in a transaction		

Syntax Notes:
1. If CUR08 is present, then CUR07 is required.
2. If CUR09 is present, then CUR07 is required.
3. If CUR10 is present, then at least one of CUR11 or CUR12 is required.
4. If CUR11 is present, then CUR10 is required.
5. If CUR12 is present, then CUR10 is required.
6. If CUR13 is present, then at least one of CUR14 or CUR15 is required.
7. If CUR14 is present, then CUR13 is required.
8. If CUR15 is present, then CUR13 is required.
9. If CUR16 is present, then at least one of CUR17 or CUR18 is required.
10. If CUR17 is present, then CUR16 is required.
11. If CUR18 is present, then CUR16 is required.
12. If CUR19 is present, then at least one of CUR20 or CUR21 is required.
13. If CUR20 is present, then CUR19 is required.
14. If CUR21 is present, then CUR19 is required.

Semantic Notes:

Notes: *1. Use this 1/CUR/040 segment to identify the currency in which payment is requested if in other than US dollars.*

2. When requesting payment in other than US dollars, cite code BY in CUR01 and the requested payment currency in CUR02. No exchange rate is required for the payment currency.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	CUR01	98	**Entity Identifier Code**	M ID 2/3

Code identifying an organizational entity, a physical location, property or an individual

Use any code. Listed code is preferred.

BY Buying Party (Purchaser)
Use to indicate that the award instrument authorizes payment in the currency cited in CUR02.

Refer to 004010 Data Element Dictionary for acceptable code values.

	Ref. Des.	Data Element	Name	Attributes
M	CUR02	100	**Currency Code**	M ID 3/3

Code (Standard ISO) for country in whose currency the charges are specified

Use the appropriate code to specify the currency in which payment is

requested.

Not Used	CUR03	280	**Exchange Rate**	**O**	**R 4/10**

Value to be used as a multiplier conversion factor to convert monetary value from one currency to another

Not Used	CUR04	98	**Entity Identifier Code**	**O**	**ID 2/3**

Code identifying an organizational entity, a physical location, property or an individual

Not Used	CUR05	100	**Currency Code**	**O**	**ID 3/3**

Code (Standard ISO) for country in whose currency the charges are specified

Not Used	CUR06	669	**Currency Market/Exchange Code**	**O**	**ID 3/3**

Code identifying the market upon which the currency exchange rate is based

Not Used	CUR07	374	**Date/Time Qualifier**	**X**	**ID 3/3**

Code specifying type of date or time, or both date and time

Not Used	CUR08	373	**Date**	**O**	**DT 8/8**

Date expressed as CCYYMMDD

Not Used	CUR09	337	**Time**	**O**	**TM 4/8**

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Not Used	CUR10	374	**Date/Time Qualifier**	**X**	**ID 3/3**

Code specifying type of date or time, or both date and time

Not Used	CUR11	373	**Date**	**X**	**DT 8/8**

Date expressed as CCYYMMDD

Not Used	CUR12	337	**Time**	**X**	**TM 4/8**

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Not Used	CUR13	374	**Date/Time Qualifier**	**X**	**ID 3/3**

Code specifying type of date or time, or both date and time

Not Used	CUR14	373	**Date**	**X**	**DT 8/8**

Date expressed as CCYYMMDD

Not Used	CUR15	337	**Time**	**X**	**TM 4/8**

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Not Used	CUR16	374	**Date/Time Qualifier**	X	ID 3/3

Code specifying type of date or time, or both date and time

Not Used	CUR17	373	**Date**	X	DT 8/8

Date expressed as CCYYMMDD

Not Used	CUR18	337	**Time**	X	TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Not Used	CUR19	374	**Date/Time Qualifier**	X	ID 3/3

Code specifying type of date or time, or both date and time

Not Used	CUR20	373	**Date**	X	DT 8/8

Date expressed as CCYYMMDD

Not Used	CUR21	337	**Time**	X	TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Segment:	**N1** Name	
Position:	070	
Loop:	N1 Optional	
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Purpose:	To identify a party by type of organization, name, and code	
Syntax Notes:	1 At least one of N102 or N103 is required.	
	2 If either N103 or N104 is present, then the other is required.	
Semantic Notes:		
Notes:	*1. Whenever possible, address information should be transmitted using code values contained in a combination of the N101 and N103/4 data elements. Use N102 and N2-N4 segments only when it is necessary to transmit the full address. For example, if a contractor can be identified by a DUNS number, it is not necessary to transmit the contractor's full address since the relationship between the DUNS number and the contractor's address can be established by accessing a data base in which the information is stored, having been put there at the time the contractor electronically registered as a federal government trading partner.*	
	2. At least 2 iterations of this 1/N1/070 loop are required using codes PE and PO.	
	3. Use to identify a ship-to addressee when the invoice contains multiple line items and the address is applicable to all line items. Use the 2/N1/240 loop when the invoice or the ship-to address varies among the line items.	
	4. Use the 1/N1/070 loop to identify organizations or people that apply to all of the line items, or are not applicable at the line item level. When the addresses vary by line item, use the 2/N1/240 loop.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	N101	98	**Entity Identifier Code**	M ID 2/3

Code identifying an organizational entity, a physical location, property or an individual

BT	Bill-to-Party	
	Use to indicate the bill-to party.	
BY	Buying Party (Purchaser)	
C4	Contract Administration Office	
	Use to indicate the contract Administration Office.	
II	Issuer of Invoice	
KX	Free on Board Point	
MQ	Metering Location	
	Use to indicate the location of the meter applicable to the invoice.	

			PE	Payee		

Use to indicate the party submitting the invoice.

			PO	Party to Receive Invoice for Goods or Services

Use to indicate the agency, organization, or activity that is to receive the electronic invoice.

			PR	Payer

Use to indicate the party to pay the invoice.

			RE	Party to receive commercial invoice remittance

			RI	Remit To

Use to indicate a specific remit-to address when multiple remit-to addresses were provided as a part of the trading partner registration process. Do not use when only a single remit-to address was provided as a part of the registration process or when vendor has not registered.

			SE	Selling Party
			SF	Ship From
			ST	Ship To

Use to indicate the shipped to address to which an item must be shipped. If the ship-to address is an FPO or APO, cite the FPO or APO zip code in N403, cite code AR in N405, and cite the two letter identifier (AA for Miami, AE for New York, AP for San Francisco) in N406.

			SV	Service Performance Site

Use to indicate a location where a service, e.g., data entry, was performed.

	N102	93	**Name**			**X AN 1/60**

Free-form name

Use only when N101 is either code ST or code SV to provide a text name. Do not use when the ship-to address can be identified by a code in N103/04. If the ship-to address is an APO or FPO, Cite APO or FPO as appropriate.

Must Use	**N103**	66	**Identification Code Qualifier**			**X ID 1/2**

Code designating the system/method of code structure used for Identification Code (67)

While the federal EDI program uses the DUNS number, other government users of this implementation convention may require the use of other and additional numbers for a transition period in order to cross reference existing data bases.

			1	D-U-N-S Number, Dun & Bradstreet

Use in all transmissions to identify the DUNS number of the invoicing party (N101 is code PE).

			Use in other iterations of the N1 loop with the appropriate N101 codes to identify Government activities or other contractor locations.		
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix		
			Use to indicate the transacting parties where DUNS+4 is appropriate.		
		10	Department of Defense Activity Address Code (DODAAC)		
			Use to indicate either a Department of Defense Activity Address Code or a Civilian Agency Activity Address Code.		
		21	Health Industry Number (HIN)		
		33	Commercial and Government Entity (CAGE)		
			Use to indicate vendors with CAGE codes.		
		91	Assigned by Seller or Seller's Agent		
			Use to indicate unique identification established by seller.		
		92	Assigned by Buyer or Buyer's Agent		
			Use to indicate unique identification established by buyer.		
		A2	Military Assistance Program Address Code (MAPAC)		
			Use to indicate a MAPAC address.		
		FA	Facility Identification		
			Use to identify the vendor facility that cannot be identified by either a DoDAAC, CAGE or DUNS number.		
		FI	Federal Taxpayer's Identification Number		
			Use only if needed when receiving organization uses TIN to identify the sender's address.		
		ZZ	Mutually Defined		
			Use for a Vendor Identification Number.		
Must Use	**N104**	**67**	**Identification Code**	**X**	**AN 2/80**
			Code identifying a party or other code		
Not Used	**N105**	**706**	**Entity Relationship Code**	**O**	**ID 2/2**
			Code describing entity relationship		
Not Used	**N106**	**98**	**Entity Identifier Code**	**O**	**ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual		

Segment:	**N2** Additional Name Information		
Position:	080		
Loop:	N1 Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	2		
Purpose:	To specify additional names or those longer than 35 characters in length		
Syntax Notes:			
Semantic Notes:			
Notes:	*1. This segment is not necessary when the cited party can be identified by a code value in N101/03/04.*		
	2. Use, as needed , only when N101 is code ST or SV and that party cannot be identified by coded means.		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**N201**	**93**	**Name**	**M AN 1/60**
			Free-form name	
	N202	**93**	**Name**	**O AN 1/60**
			Free-form name	

Segment:	**N3** Address Information			
Position:	090			
Loop:	N1 Optional			
Level:	Heading			
Usage:	Optional			
Max Use:	2			
Purpose:	To specify the location of the named party			
Syntax Notes:				
Semantic Notes:				
Notes:	*1. This segment is not necessary when the cited party can be identified by a code value in N101/03/04.*			
	2. Use, as needed , only when N101 is code ST or SV and that party cannot be identified by coded means.			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	N301	166	**Address Information**	**M**	**AN 1/55**
			Address information		
	N302	166	**Address Information**	**O**	**AN 1/55**
			Address information		

Segment: # N4 Geographic Location

Position: 100
Loop: N1   Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1   If N406 is present, then N405 is required.
Semantic Notes:
Notes:
> *1. This segment is not necessary when the cited party can be identified by a code value in N101/03/04.*
>
> *2. Use, as needed , only when N101 is code ST or SV and that party cannot be identified by coded means.*

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N401	**19**	**City Name**	**O AN 2/30**
		Free-form text for city name	
N402	**156**	**State or Province Code**	**O ID 2/2**
		Code (Standard State/Province) as defined by appropriate government agency	
N403	**116**	**Postal Code**	**O ID 3/15**
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	
N404	**26**	**Country Code**	**O ID 2/3**
		Code identifying the country	
		An application program conversion table may be required to convert agency codes to ASC X12 codes.	
N405	**309**	**Location Qualifier**	**X ID 1/2**
		Code identifying type of location	
		AR Armed Services Location Designation	
		Use to indicate an Army Post Office (APO) or a Fleet Post Office (FPO).	
N406	**310**	**Location Identifier**	**O AN 1/30**
		Code which identifies a specific location	
		When N405 is code AR, cite the two letter APO or FPO identifier (AA for Miami, AE for New York, AP for San Francisco).	

Segment:		**REF** Reference Identification		
Position:	110			
Loop:	N1	Optional		
Level:	Heading			
Usage:	Optional			
Max Use:	12			
Purpose:	To specify identifying information			
Syntax Notes:	1	At least one of REF02 or REF03 is required.		
	2	If either C04003 or C04004 is present, then the other is required.		
	3	If either C04005 or C04006 is present, then the other is required.		
Semantic Notes:	1	REF04 contains data relating to the value cited in REF02.		
Notes:		*This 1/REF/110 segment can be used to identify numbers that apply to either the cited party or all of the line items. When the reference number does not apply to a cited party, or varies by line item, use the 2/REF/120 segment.*		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	REF01	128	**Reference Identification Qualifier**	M ID 2/3

Code qualifying the Reference Identification

1. Use, as applicable, to identify the shipment number, replacement shipment number and final shipment indicator.

2. Use, as applicable, to identify additional reference numbers such as the customer reference number, etc., applicable to the cited party.

01		American Bankers Assoc. (ABA) Transit/Routing Number (Including Check Digit, 9 Digits)
11		Account Number
		Use to indicate the payee's bank account number.
45		Old Account Number
		Use only when applicable, and only when agreed to by the trading partners.
46		Old Meter Number
		Use only when applicable, and only when agreed to by the trading partners.
55		Sequence Number
		Use to indicate the suffix letter associated with a replacement shipment (i.e., when transmitting the letter A to indicate the first replacement shipment). (Applicable to DoD invoice only.)
9Y		Bank Assigned Bankers Reference Number
		Use to indicate the number that identifies the payee's bank.
AA		Accounts Receivable Statement Number

			BL	Government Bill of Lading		
			CR	Customer Reference Number		

Use to indicate a customer's internal reference number.

			E4	Charge Card Number		

Use to indicate credit card number.

			EI	Employer's Identification Number		
			FS	Final Sequence Number		

Use, as applicable, to indicate the suffix letter associated with a final shipment number. (i.e., when transmitting the letter Z to indicate a final shipment).

			IL	Internal Order Number		
			MG	Meter Number		
			OI	Original Invoice Number		
			PQ	Payee Identification		
			RB	Rate code number		
			SE	Serial Number		
			SI	Shipper's Identifying Number for Shipment (SID)		

Use to identify the shipment number.

			SY	Social Security Number		
			TG	Transportation Control Number (TCN)		
			TJ	Federal Taxpayer's Identification Number		
			ZF	Contractor Establishment Code (CEC)		

	REF02	**127**	**Reference Identification**		**X**	**AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

	REF03	**352**	**Description**		**X**	**AN 1/80**

A free-form description to clarify the related data elements and their content

If code 11 is selected in 1/REF01/110, then use to indicate if the bank account number in 1/REF02/110 is a savings or checking account.

Not Used	**REF04**	**C040**	**Reference Identifier**		**O**	

To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

Not Used	**C04001**	**128**	**Reference Identification Qualifier**		**M**	**ID 2/3**

Code qualifying the Reference Identification

Not Used	**C04002**	**127**	**Reference Identification**		**M**	**AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Not Used	**C04003**	**128**	**Reference Identification Qualifier**		**X**	**ID 2/3**

Code qualifying the Reference Identification

| **Not Used** | **C04004** | **127** | **Reference Identification** | **X** | **AN 1/30** |

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

| **Not Used** | **C04005** | **128** | **Reference Identification Qualifier** | **X** | **ID 2/3** |

Code qualifying the Reference Identification

| **Not Used** | **C04006** | **127** | **Reference Identification** | **X** | **AN 1/30** |

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

	Segment:	**PER** Administrative Communications Contact
	Position:	120
	Loop:	N1 Optional
	Level:	Heading
	Usage:	Optional
	Max Use:	3
	Purpose:	To identify a person or office to whom administrative communications should be directed
	Syntax Notes:	1 If either PER03 or PER04 is present, then the other is required.
		2 If either PER05 or PER06 is present, then the other is required.
		3 If either PER07 or PER08 is present, then the other is required.
	Semantic Notes:	
	Notes:	*Segment may be required by agency regulations in sender's N1 loop.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	PER01	366	**Contact Function Code**	**M ID 2/2**

Code identifying the major duty or responsibility of the person or group named

AF		Authorized Financial Contact

Use to indicate the communication number to be contacted with questions arising from the submission of this invoice. Use only when the contact differs from one provided as a part of the registration process.

IC		Information Contact

Use to indicate the communication number of contact for information.

	PER02	93	**Name**	**O AN 1/60**

Free-form name

Cite last name first, followed by first name. If the whole name is longer than 35 characters, truncate or use initials for the first name. If necessary, use PER09 to provide the party's title.

	PER03	365	**Communication Number Qualifier**	**X ID 2/2**

Code identifying the type of communication number

EM		Electronic Mail
FT		Federal Telecommunications System (FTS)
FX		Facsimile
IT		International Telephone
TE		Telephone

Use to indicate a commercial telephone number. Include the area code.

	PER04	364	Communication Number	X	AN 1/80

Complete communications number including country or area code when applicable

	PER05	365	Communication Number Qualifier	X	ID 2/2

Code identifying the type of communication number

Use to identify a second communications number for the party cited in PER02. For example, if PER03/04 cites a telephone number, PER05/06 can be used to cite a FAX number.

		EM	Electronic Mail
		EX	Telephone Extension

Use only if PER03 is used citing code IT or TE.

		FT	Federal Telecommunications System (FTS)
		FX	Facsimile
		IT	International Telephone
		TE	Telephone

Use to indicate a commercial telephone number. Include the area code.

	PER06	364	Communication Number	X	AN 1/80

Complete communications number including country or area code when applicable

	PER07	365	Communication Number Qualifier	X	ID 2/2

Code identifying the type of communication number

Use to identify a third communications number for the party cited in PER02.

		EM	Electronic Mail
		EX	Telephone Extension

Use only if PER05 is used citing code IT or TE.

		FT	Federal Telecommunications System (FTS)
		FX	Facsimile
		IT	International Telephone
		TE	Telephone

Use to indicate a commercial telephone number. Include the area code.

	PER08	364	Communication Number	X	AN 1/80

Complete communications number including country or area code when applicable

Not Used	PER09	443	Contact Inquiry Reference	O	AN 1/20

Additional reference number or description to clarify a contact number

Segment:	**ITD** Terms of Sale/Deferred Terms of Sale
Position:	130
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify terms of sale
Syntax Notes:	1 If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.
	2 If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.
	3 If ITD09 is present, then at least one of ITD10 or ITD11 is required.
Semantic Notes:	1 ITD15 is the percentage applied to a base amount used to determine a late payment charge.
Notes:	*1. Use this 1/ITD/130 segment when the discount terms apply to all of the line items. If the discount terms vary by line item, use the 2/ITD/110 segment.*
	2. Discount terms must be the same as identified in the applicable award instrument unless the contractor is offering better discount terms.
	3. Payment method was provided at time of registration. Changes to that data must be made by submitting a registration data change using the 838 transaction set.
	4. Use only when a discount or Fast Pay is applicable. Do not transmit this segment when a discount or Fast Pay is not applicable

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
ITD01	**336**	**Terms Type Code**	O ID 2/2
		Code identifying type of payment terms	
		Use this data element only if better discount terms are being offered than are contained in the applicable award instrument.	
	03	Fixed Date	
	04	Deferred or Installment	
	05	Discount Not Applicable	
	08	Basic Discount Offered	
	09	Proximo	
	16	Prompt Payment Act	
	21	Fast Pay	
		Use to indicate FAST PAY procedures are applicable only when that procedure has been authorized in the contract or order for which this invoice is being submitted.	
	23	Payment Due Upon Receipt of Invoice	

			PP		Prepayment		
	ITD02	**333**	**Terms Basis Date Code**			**O**	**ID 1/2**

Code identifying the beginning of the terms period

1. Use this data element only if better discount terms are being offered than are contained in the applicable award instrument.

2. Use any code.

Refer to 004010 Data Element Dictionary for acceptable code values.

	ITD03	**338**	**Terms Discount Percent**	**O**	**R 1/6**

Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date

The amount shown is a percent, e.g., two and a half percent should be shown as 2.5 (two point five). Do not write the percent as .025.

	ITD04	**370**	**Terms Discount Due Date**	**X**	**DT 8/8**

Date payment is due if discount is to be earned expressed in format CCYYMMDD

Use to indicate the date for the discount when ITD01 is code 03.

	ITD05	**351**	**Terms Discount Days Due**	**X**	**N0 1/3**

Number of days in the terms discount period by which payment is due if terms discount is earned

Not Used	**ITD06**	**446**	**Terms Net Due Date**	**O**	**DT 8/8**

Date when total invoice amount becomes due expressed in format CCYYMMDD

	ITD07	**386**	**Terms Net Days**	**O**	**N0 1/3**

Number of days until total invoice amount is due (discount not applicable)

Use this data element only if better discount terms are being offered than are contained in the applicable award instrument.

	ITD08	**362**	**Terms Discount Amount**	**O**	**N2 1/10**

Total amount of terms discount

1. Use this data element only if better discount terms are being offered than are contained in the applicable award instrument.

2. Use, if needed, to prevent differences that can result from rounding off methods.

Not Used	**ITD09**	**388**	**Terms Deferred Due Date**	**O**	**DT 8/8**

Date deferred payment or percent of invoice payable is due expressed in format CCYYMMDD

Not Used	**ITD10**	**389**	**Deferred Amount Due**	**X**	**N2 1/10**

Deferred amount due for payment

Not Used	**ITD11**	**342**	**Percent of Invoice Payable**	**X**	**R 1/5**

Amount of invoice payable expressed in percent

Not Used	**ITD12**	**352**	**Description**	**O**	**AN 1/80**

A free-form description to clarify the related data elements and their content

| Not Used | ITD13 | 765 | **Day of Month** | X | N0 1/2 |

The numeric value of the day of the month between 1 and the maximum day of the month being referenced

| Not Used | ITD14 | 107 | **Payment Method Code** | O | ID 1/2 |

Code identifying type of payment procedures

| Not Used | ITD15 | 954 | **Percent** | O | R 1/10 |

Percentage expressed as a decimal

Segment:		**DTM** Date/Time Reference			
Position:		140			
Loop:					
Level:		Heading			
Usage:		Optional			
Max Use:		10			
Purpose:		To specify pertinent dates and times			
Syntax Notes:		**1**	At least one of DTM02 DTM03 or DTM05 is required.		
		2	If DTM04 is present, then DTM03 is required.		
		3	If either DTM05 or DTM06 is present, then the other is required.		
Semantic Notes:					

Notes:

1. Use this 1/DTM/140 segment to specify dates if they apply to all of the line items in the invoice. When the dates vary by line item, use the 2/DTM/150 segment.

2. Use two iterations of the segment when a range of dates (expressed as period start - period end, is required).

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	DTM01	374	**Date/Time Qualifier**	M ID 3/3

Code specifying type of date or time, or both date and time

011	Shipped	
035	Delivered	
135	Booking	

Use to indicate the billing review period. When used, identify the period in DTM05/06.

186	Invoice Period Start
187	Invoice Period End
193	Period Start

Use to indicate the performance commencement date for a line item that is ordering a service.

194	Period End

Use to indicate the performance completion date for a line item that is ordering a service.

266	Base

Use to indicate a billing demand month. When used, cite the last date of the applicable month.

	DTM02	373	**Date**	X DT 8/8

Date expressed as CCYYMMDD

Not Used	DTM03	337	**Time**	X TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS,

or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

| Not Used | DTM04 | 623 | **Time Code** | **O** | **ID 2/2** |

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

| | DTM05 | 1250 | **Date Time Period Format Qualifier** | **X** | **ID 2/3** |

Code indicating the date format, time format, or date and time format

1. Use any code.

2. Use to qualify a date when it is necessary to express the date in other than YYMMDD format. Use also, to qualify a range of dates when DTM01 is code 135.

Refer to 004010 Data Element Dictionary for acceptable code values.

| | DTM06 | 1251 | **Date Time Period** | **X** | **AN 1/35** |

Expression of a date, a time, or range of dates, times or dates and times

When DTM01 is code 135, use to identify a range of dates that constitute a billing period. For example, when DTM01 is code 135, DTM06 may cite code RDM and DTM07 would cite 950101-0331.

Segment:		**FOB** F.O.B. Related Instructions		
Position:		150		
Loop:				
Level:		Heading		
Usage:		Optional		
Max Use:		1		
Purpose:		To specify transportation instructions relating to shipment		
Syntax Notes:		1 If FOB03 is present, then FOB02 is required.		
		2 If FOB04 is present, then FOB05 is required.		
		3 If FOB07 is present, then FOB06 is required.		
		4 If FOB08 is present, then FOB09 is required.		
Semantic Notes:		1 FOB01 indicates which party will pay the carrier.		
		2 FOB02 is the code specifying transportation responsibility location.		
		3 FOB06 is the code specifying the title passage location.		
		4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.		
Notes:		*This segment is not necessary when the order is for a service.*		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	FOB01	146	**Shipment Method of Payment**	M ID 2/2

Code identifying payment terms for transportation charges

BP		Paid by Buyer

Use to indicate a Government Bill of Lading (GBL) was issued.

PE		Prepaid and Summary Bill

Use when transportation charges are to be prepaid by the seller, are not included in the unit price, and are to be invoiced periodically.

PP		Prepaid (by Seller)

Use to indicate that transportation charges are not included in the unit price but are prepaid and are added as a separate item on this invoice.

PS		Paid by Seller

Use to indicate transportation charges are included in the unit price.

	Ref. Des.	Data Element	Name	Attributes
Not Used	FOB02	309	**Location Qualifier**	X ID 1/2

Code identifying type of location

	Ref. Des.	Data Element	Name	Attributes
Not Used	FOB03	352	**Description**	O AN 1/80

A free-form description to clarify the related data elements and their content

	Ref. Des.	Data Element	Name	Attributes
Not Used	FOB04	334	**Transportation Terms Qualifier Code**	O ID 2/2

Code identifying the source of the transportation terms

| Not Used | FOB05 | 335 | **Transportation Terms Code** | **X** | **ID 3/3** |

Code identifying the trade terms which apply to the shipment transportation responsibility

| Not Used | FOB06 | 309 | **Location Qualifier** | **X** | **ID 1/2** |

Code identifying type of location

| Not Used | FOB07 | 352 | **Description** | **O** | **AN 1/80** |

A free-form description to clarify the related data elements and their content

| Not Used | FOB08 | 54 | **Risk of Loss Code** | **O** | **ID 2/2** |

Code specifying where responsibility for risk of loss passes

| Not Used | FOB09 | 352 | **Description** | **X** | **AN 1/80** |

A free-form description to clarify the related data elements and their content

Segment:	**FA1** Type of Financial Accounting Data	
Position:	290	
Loop:	FA1 Optional	
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify the organization controlling the content of the accounting citation, and the purpose associated with the accounting citation	
Syntax Notes:		
Semantic Notes:	1	FA101 Identifies the organization controlling the assignment of financial accounting information.
	2	FA102 Identifies the purpose of the accounting allowance or charge information.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	FA101	559	**Agency Qualifier Code**	M ID 2/2
			Code identifying the agency assigning the code values	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	FA102	1300	**Service, Promotion, Allowance, or Charge Code**	O ID 4/4
			Code identifying the service, promotion, allowance, or charge	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	FA103	248	**Allowance or Charge Indicator**	O ID 1/1
			Code which indicates an allowance or charge for the service specified	
			Refer to 004010 Data Element Dictionary for acceptable code values.	

Segment:	**FA2** Accounting Data	
Position:	300	
Loop:	FA1 Optional	
Level:	Heading	
Usage:	Mandatory	
Max Use:	>1	
Purpose:	To specify the detailed accounting data	
Syntax Notes:		
Semantic Notes:		
Notes:	*1. Use this 1/FA2/300 segment to identify the appropriation reimbursed and disbursed when the cited appropriation data applies to all line items. When the appropriation data varies by line item, use the 2/FA1/350 loop.*	
	2. Only use when the purchase order contains appropriation data in the 1/FA2/294 segment.	
	3. This segment is used to identify the federal agency's appropriation number relevant to this transaction. The appropriation number is provided by the federal agency to the vendor normally in a procurement document. In the 810 the appropriation number is just returned to the federal agency for identification and tracking purposes. The appropriation number in this transaction set should be repeated in the same format as received in the relevant initiating document provided by the federal agency associated with this transaction.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**FA201**	**1196**	**Breakdown Structure Detail Code**	**M ID 2/2**
			Codes identifying details relating to a reporting breakdown structure tree	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
M	**FA202**	**1195**	**Financial Information Code**	**M AN 1/80**
			Code representing financial accounting information	

Segment:	**IT1** Baseline Item Data (Invoice)	
Position:	010	
Loop:	IT1	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify the basic and most frequently used line item data for the invoice and related transactions	
Syntax Notes:	1	If any of IT102 IT103 or IT104 is present, then all are required.
	2	If either IT106 or IT107 is present, then the other is required.
	3	If either IT108 or IT109 is present, then the other is required.
	4	If either IT110 or IT111 is present, then the other is required.
	5	If either IT112 or IT113 is present, then the other is required.
	6	If either IT114 or IT115 is present, then the other is required.
	7	If either IT116 or IT117 is present, then the other is required.
	8	If either IT118 or IT119 is present, then the other is required.
	9	If either IT120 or IT121 is present, then the other is required.
	10	If either IT122 or IT123 is present, then the other is required.
	11	If either IT124 or IT125 is present, then the other is required.
Semantic Notes:	1	IT101 is the purchase order line item identification.

Notes:

1. Use multiple iterations of this 2/IT1/010 loop to provide invoice data for a specific line item. Allowances or charges identifiable to a line item will be included in that line's 2/SAC/180 loop. Invoice level of allowances or charges, that is, allowances or charges not identifiable to a specific item or line of billing, will be included in the 3/SAC/040 loop.

2. Use as many 235/234 pairs as necessary to describe the item being invoiced.

3. When billing for metered services, on accounts with more than one meter, each meter charge should be detailed in a separate iteration of the IT1 loop.

4. If a billing for goods and services, then IT102/03/04 are required.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
IT101	**350**	**Assigned Identification**	**O AN 1/20**

Alphanumeric characters assigned for differentiation within a transaction set

1. Use to identify the CLIN, SUBCLIN, or ELIN or other number identifying the line item.
2. If this is an invoice for credit card purchases, cite the purchase reference number. Use REF01, code E4, to identify the credit card number and DTM01, code 321, for the purchase date. The amount of the charge will appear in IT104.

3. When used to indicate a line item number, this line item number must also be the same as used in the purchase order.

	IT102	358	Quantity Invoiced	X R 1/10

Number of units invoiced (supplier units)

When billing for metered services, the quantity invoiced is the number of units of meter usage. (e.g., 1,000 kilowatts).

	IT103	355	Unit or Basis for Measurement Code	X ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use to identify the unit of issue for the quantity listed in IT102.

2. Use any appropriate code, but it must be the same unit of measure as cited in the applicable award instrument. If IT101 is a line item for prepaid transportation charges, use code SX-Shipment. Use the 2/SAC/180 segment when not prepaid and add. While any code may be used, code SX-Shipment is preferred.

3. An application program conversion table may be required to convert agency codes to codes used by ASC X12.

Refer to 004010 Data Element Dictionary for acceptable code values.

	IT104	212	Unit Price	X R 1/17

Price per unit of product, service, commodity, etc.

Cite the contract or order unit price. In those cases where the line item was purchased without charge, cite the number "0".

Use to indicate the amount of a credit card purchase.

	IT105	639	Basis of Unit Price Code	O ID 2/2

Code identifying the type of unit price for an item

Use any code.

Refer to 004010 Data Element Dictionary for acceptable code values.

Must Use	IT106	235	Product/Service ID Qualifier	X ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

1. Use only codes that were contained in the contract or order. For example, if the item being invoiced was ordered by its National Stock Number (code FS), use code FS followed by the National Stock Number of the item. Descriptions should be kept to a minimum essential to identify the item for payment purposes. While any code may be used, listed codes are preferred.

2. IT106 through IT125 are used in pairs. For Example, IT106 will contain a qualifier code and IT107 will contain information related to the qualifying code. So, if IT106 is code FS then IT107 would carry the National Stock Number.

A8   Exhibit Line Item Number
AK   Refined Product Code
       Use to indicate a petroleum product type.
CH   Country of Origin Code
CG   Commodity Grouping Code
       Use to indicate a commodity code.
CL   Color
CN   Commodity Name
FS   National Stock Number
       The NSN shall be transmitted as a continuous set of numbers,
       and without dashes.
FT   Federal Supply Classification
       See Code Source 27 in the ASC X12 standards for the
       FSC codes.
IN   Buyer's Item Number
KA   Engineering Data List
KB   Data Category Code
KF   Item Type Number
LT   Lot Number
MF   Manufacturer
       When used, cite the DUNS number of the manufacturer in
       the following data element.
MG   Manufacturer's Part Number
       When used, a second 235/234 pair must be used citing
       either code MF or ZB.
MM   Motor Equipment Manufacturing Association (MEMA)
       Product Type Code
       This code will be deleted unless a business case for its
       retention is provided.
MN   Model Number
N1   National Drug Code in 4-4-2 Format
N2   National Drug Code in 5-3-2 Format
N3   National Drug Code in 5-4-1 Format
N4   National Drug Code in 5-4-2 Format
ND   National Drug Code (NDC)
PD   Part Number Description
       Use to indicate a clear text description of an item.
PU   Part Reference Number
RC   Returnable Container No.
SN   Serial Number
SV   Service Rendered
       Use to indicate a clear text description of a service
       being invoiced.
SW   Stock Number
       Use to indicate a local stock number.
SZ   Vendor Alphanumeric Size Code (NRMA)
TP   Product Type Code

> *Use to indicate a specific product type. Do not use for*
> *petroleum products; use code AK.*
> **UD**   *U.P.C./EAN Consumer Package Code (2-5-5)*
> **UK**   *U.P.C./EAN Shipping Container Code (1-2-5-5-1)*
> **UN**   *U.P.C. Case Code Number (1-1-5-5)*
> **VP**   *Vendor's (Seller's) Part Number*
> **ZB**   *Commercial and Government Entity (CAGE)*
> *Use, as applicable, to indicate a CAGE code when not*
> *otherwise a part of a cited manufacturer's part number.*

Refer to 004010 Data Element Dictionary for acceptable code values.

IT107	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

IT108	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

IT109	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

IT110	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

IT111	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

IT112	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

IT113	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

IT114	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

IT115	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

IT116	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

IT117	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

IT118	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

IT119	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

IT120	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

IT121	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

IT122	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

IT123	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

IT124	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

IT125	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

Segment:	**TXI** Tax Information		
Position:	040		
Loop:	IT1 Optional		
Level:	Detail		
Usage:	Optional		
Max Use:	10		
Purpose:	To specify tax information		
Syntax Notes:	1 At least one of TXI02 TXI03 or TXI06 is required.		
	2 If either TXI04 or TXI05 is present, then the other is required.		
	3 If TXI08 is present, then TXI03 is required.		
Semantic Notes:	1 TXI02 is the monetary amount of the tax.		
	2 TXI03 is the tax percent expressed as a decimal.		
	3 TXI07 is a code indicating the relationship of the price or amount to the associated segment.		
Notes:	*Use this 2/TXI/040 segment only if taxes apply to a line item.*		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	TXI01	963	**Tax Type Code**	**M ID 2/2**

Code specifying the type of tax

Use any code. Cited codes are preferred.

CA   City Tax
F1   FICA Tax
FD   Federal Tax
FT   Federal Excise Tax
GR   Gross Receipts Tax
LO   Local Tax
LS   State and Local Sales Tax
SA   State or Provincial Fuel Tax
SE   State Tax
SF   Super Fund

Refer to 004010 Data Element Dictionary for acceptable code values.

	Ref. Des.	Data Element	Name	Attributes
	TXI02	782	**Monetary Amount**	**X R 1/18**

Monetary amount

	Ref. Des.	Data Element	Name	Attributes
	TXI03	954	**Percent**	**X R 1/10**

Percentage expressed as a decimal

Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).

	Ref. Des.	Data Element	Name	Attributes
Not Used	TXI04	955	**Tax Jurisdiction Code Qualifier**	**X ID 2/2**

Code identifying the source of the data used in tax jurisdiction code

	Ref. Des.	Data Element	Name	Attributes
Not Used	TXI05	956	**Tax Jurisdiction Code**	**X AN 1/10**

Code identifying the taxing jurisdiction

| Not Used | **TXI06** | **441** | **Tax Exempt Code** | **X** | **ID 1/1** |

Code identifying exemption status from sales and use tax

| | **TXI07** | **662** | **Relationship Code** | **O** | **ID 1/1** |

Code indicating the relationship between entities

A   Add

Use to indicate the tax amount is to be added to the invoice unit price.

I   Included

Use to indicate the tax amount is already included in the invoice unit price.

| | **TXI08** | **828** | **Dollar Basis For Percent** | **O** | **R 1/9** |

Dollar basis to be used in the percent calculation of the allowance, charge or tax

| Not Used | **TXI09** | **325** | **Tax Identification Number** | **O** | **AN 1/20** |

Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number

| Not Used | **TXI10** | **350** | **Assigned Identification** | **O** | **AN 1/20** |

Alphanumeric characters assigned for differentiation within a transaction set

	Segment:	**PID** Product/Item Description
	Position:	060
	Loop:	PID Optional
	Level:	Detail
	Usage:	Optional
	Max Use:	1
	Purpose:	To describe a product or process in coded or free-form format
	Syntax Notes:	1 If PID04 is present, then PID03 is required.
		2 At least one of PID04 or PID05 is required.
		3 If PID07 is present, then PID03 is required.
		4 If PID08 is present, then PID04 is required.
		5 If PID09 is present, then PID05 is required.
	Semantic Notes:	1 Use PID03 to indicate the organization that publishes the code list being referred to.
		2 PID04 should be used for industry-specific product description codes.
		3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
		4 PID09 is used to identify the language being used in PID05.
	Notes:	*The use of this segment is discouraged. Use only for a clear text description when the product/service identification in 235/234 pairs in the IT1 segment is insufficient to describe the item or service being invoiced. Do not use when codes in IT106/07 can be used to describe the item or service being invoiced.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	PID01	349	**Item Description Type**	M ID 1/1
			Code indicating the format of a description	
			F Free-form	
Not Used	PID02	750	**Product/Process Characteristic Code**	O ID 2/3
			Code identifying the general class of a product or process characteristic	
Not Used	PID03	559	**Agency Qualifier Code**	X ID 2/2
			Code identifying the agency assigning the code values	
Not Used	PID04	751	**Product Description Code**	X AN 1/12
			A code from an industry code list which provides specific data about a product characteristic	
	PID05	352	**Description**	X AN 1/80
			A free-form description to clarify the related data elements and their content	
			Use to identify the item description or job description.	
Not Used	PID06	752	**Surface/Layer/Position Code**	O ID 2/2
			Code indicating the product surface, layer or position that is being described	

Not Used   **PID07**   **822**   **Source Subqualifier**   **O** **AN 1/15**

A reference that indicates the table or text maintained by the Source Qualifier

Not Used   **PID08**   **1073**   **Yes/No Condition or Response Code**   **O** **ID 1/1**

Code indicating a Yes or No condition or response

Not Used   **PID09**   **819**   **Language Code**   **O** **ID 2/3**

Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)

Segment:	**ITD** Terms of Sale/Deferred Terms of Sale	
Position:	110	
Loop:	IT1 Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	2	
Purpose:	To specify terms of sale	
Syntax Notes:	**1** If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.	
	2 If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.	
	3 If ITD09 is present, then at least one of ITD10 or ITD11 is required.	
Semantic Notes:	**1** ITD15 is the percentage applied to a base amount used to determine a late payment charge.	
Notes:	*1. Use this 2/ITD/110 segment when the discount terms vary by line item. If the discount applies to all of the line items, use the 1/ITD/130 segment.*	
	2. Discount terms must be the same as identified in the applicable award instrument unless the contractor is offering better discount terms.	
	3. Use only when a discount is applicable. Do not transmit this segment when a discount is not applicable.	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
ITD01	**336**	**Terms Type Code**	**O ID 2/2**
		Code identifying type of payment terms	
		Use this data element only if better discount terms are being offered than are contained in the applicable award instrument.	
		03 Fixed Date	
		04 Deferred or Installment	
		05 Discount Not Applicable	
		08 Basic Discount Offered	
		09 Proximo	
		16 Prompt Payment Act	
		21 Fast Pay	
		Use to indicate FAST PAY procedures are applicable only when that procedure has been authorized in the contract or order for which this invoice is being submitted.	
		23 Payment Due Upon Receipt of Invoice	
		PP Prepayment	
ITD02	**333**	**Terms Basis Date Code**	**O ID 1/2**
		Code identifying the beginning of the terms period	
		1. Use this data element only if better discount terms are being offered	

than are contained in the applicable award instrument.

2. Use any code.

Refer to 004010 Data Element Dictionary for acceptable code values.

| | ITD03 | 338 | **Terms Discount Percent** | **O** | **R 1/6** |

Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date

The amount shown is a percent, e.g. two and a half percent should be shown as 2.5 (two point five). Do not write the percent as .025.

| | ITD04 | 370 | **Terms Discount Due Date** | **X** | **DT 8/8** |

Date payment is due if discount is to be earned expressed in format CCYYMMDD

Use to indicate the date for the discount when ITD01 is code 03.

| | ITD05 | 351 | **Terms Discount Days Due** | **X** | **N0 1/3** |

Number of days in the terms discount period by which payment is due if terms discount is earned

| **Not Used** | ITD06 | 446 | **Terms Net Due Date** | **O** | **DT 8/8** |

Date when total invoice amount becomes due expressed in format CCYYMMDD

| | ITD07 | 386 | **Terms Net Days** | **O** | **N0 1/3** |

Number of days until total invoice amount is due (discount not applicable)

Use this data element only if better discount terms are being offered than are contained in the applicable award instrument.

| | ITD08 | 362 | **Terms Discount Amount** | **O** | **N2 1/10** |

Total amount of terms discount

1. Use this data element only if better discount terms are being offered than are contained in the applicable award instrument.

2. Use, if needed, to prevent differences that can result from rounding off methods.

| **Not Used** | ITD09 | 388 | **Terms Deferred Due Date** | **O** | **DT 8/8** |

Date deferred payment or percent of invoice payable is due expressed in format CCYYMMDD

| **Not Used** | ITD10 | 389 | **Deferred Amount Due** | **X** | **N2 1/10** |

Deferred amount due for payment

| **Not Used** | ITD11 | 342 | **Percent of Invoice Payable** | **X** | **R 1/5** |

Amount of invoice payable expressed in percent

| **Not Used** | ITD12 | 352 | **Description** | **O** | **AN 1/80** |

A free-form description to clarify the related data elements and their content

| **Not Used** | ITD13 | 765 | **Day of Month** | **X** | **N0 1/2** |

The numeric value of the day of the month between 1 and the maximum

day of the month being referenced

Not Used	ITD14	107	**Payment Method Code**	O	ID 1/2
			Code identifying type of payment procedures		
Not Used	ITD15	954	**Percent**	O	R 1/10
			Percentage expressed as a decimal		

Segment:	**REF** Reference Identification			
Position:	120			
Loop:	IT1 Optional			
Level:	Detail			
Usage:	Optional			
Max Use:	>1			
Purpose:	To specify identifying information			

Syntax Notes:
    1   At least one of REF02 or REF03 is required.
    2   If either C04003 or C04004 is present, then the other is required.
    3   If either C04005 or C04006 is present, then the other is required.

Semantic Notes:
    1   REF04 contains data relating to the value cited in REF02.

Notes:
1. Use this 2/REF/120 segment to identify reference numbers that vary by line item. When the reference numbers apply to all the line items in the invoice, use the 1/REF/110 segment.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	REF01	128	**Reference Identification Qualifier**	M ID 2/3

Code qualifying the Reference Identification

11	Account Number	
12	Billing Account	
14	Master Account Number	
2I	Tracking Number	
46	Old Meter Number	
55	Sequence Number	

Use to indicate a suffix number associated with a final shipment number (i.e., when transmitting the letter Z to indicate a final shipment). (Applicable to DoD invoices only.)

79	Cost Account
80	Charge Number
AW	Air Waybill Number
BL	Government Bill of Lading

Use to indicate the government bill of lading number.

CA	Cost Allocation Reference
E4	Charge Card Number

Use to indicate the credit card number on an invoice for credit card charges.

FS	Final Sequence Number

Use, as applicable, to indicate the suffix number of

			a replacement shipment associated with a shipment number (i.e., when transmitting the letter A to indicate the first replacement shipment).		
		IL	Internal Order Number		
		K5	Task Order		
		MG	Meter Number		
		RB	Rate code number		
		RQ	Purchase Requisition Number		
			Use to indicate the purchase requisition number which is the 14/15 position MILSTRIP requisition number (or other 14/15 position document number of non-MILSTRIP items) associated to the current line item.		
		SE	Serial Number		
			Use to indicate the item's serial number.		
		SI	Shipper's Identifying Number for Shipment (SID)		
			Use to indicate the vendor shipping number.		
		ZZ	Mutually Defined		
Must Use	REF02	127	**Reference Identification**	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	REF03	352	**Description**	X	AN 1/80
			A free-form description to clarify the related data elements and their content		
Not Used	REF04	C040	**Reference Identifier**	O	
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier		
Not Used	C04001	128	**Reference Identification Qualifier**	M	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04002	127	**Reference Identification**	M	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	C04003	128	**Reference Identification Qualifier**	X	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04004	127	**Reference Identification**	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	C04005	128	**Reference Identification Qualifier**	X	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04006	127	**Reference Identification**	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

Segment:	**DTM** Date/Time Reference		
Position:	150		
Loop:	IT1 Optional		
Level:	Detail		
Usage:	Optional		
Max Use:	10		
Purpose:	To specify pertinent dates and times		
Syntax Notes:	1	At least one of DTM02 DTM03 or DTM05 is required.	
	2	If DTM04 is present, then DTM03 is required.	
	3	If either DTM05 or DTM06 is present, then the other is required.	
Semantic Notes:			
Notes:	*1. Use two iterations of the segment when a range of dates (expressed as period start - period end, is required).*		
	2. Use this 2/DTM/150 segment to specify the dates of the line item data for the invoice. When the dates for all items are the same, use the 1/DTM/140 segment.		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	DTM01	374	**Date/Time Qualifier**	M ID 3/3
			Code specifying type of date or time, or both date and time	
			007 Effective	
			011 Shipped	
			Use to indicate the date the goods were shipped.	
			035 Delivered	
			135 Booking	
			Use to indicate a billing revenue period. When used, identify the period in DTM05/06.	
			186 Invoice Period Start	
			187 Invoice Period End	
			193 Period Start	
			Use to indicate the performance commencement date for a line item that is ordering a service.	
			194 Period End	
			Use to indicate the performance completion date for a line item that is ordering a service.	
			266 Base	
			Use to indicate a billing demand month. When used, cite the last date of the applicable month.	
			321 Purchased	
			Use to indicate the date of credit card purchase.	
	DTM02	373	**Date**	X DT 8/8

Date expressed as CCYYMMDD

Not Used	**DTM03**	**337**	**Time**	**X**	**TM 4/8**

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Not Used	**DTM04**	**623**	**Time Code**	**O**	**ID 2/2**

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

	DTM05	**1250**	**Date Time Period Format Qualifier**	**X**	**ID 2/3**

Code indicating the date format, time format, or date and time format

1. Use any code.

2. Use to qualify a date when it is necessary to express the date in other than YYMMDD format. Use also, to qualify a range of dates when DTM01 is code 135.

Refer to 004010 Data Element Dictionary for acceptable code values.

	DTM06	**1251**	**Date Time Period**	**X**	**AN 1/35**

Expression of a date, a time, or range of dates, times or dates and times

When DTM01 is code 135, use to identify a range of dates that constitute a billing period. For example, when DTM01 is code 135, DTM06 may cite code RDM and DTM07 would cite 950101-0331.

Segment:	**CAD** Carrier Detail	
Position:	160	
Loop:	IT1 Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify transportation details for the transaction	
Syntax Notes:	1	At least one of CAD05 or CAD04 is required.
	2	If CAD07 is present, then CAD08 is required.
Semantic Notes:		
Notes:	*1. Use only when a different type of transportation method is used than identified in the purchase order.*	
	2. Use this 2/CAD/160 segment to identify the transportation data that vary by line item. When the transportation information applies to all line items in the invoice, use the 3/CAD/030 segment.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	CAD01	**91**	**Transportation Method/Type Code**	**O**	**ID 1/2**

Code specifying the method or type of transportation for the shipment

1. Use to indicate the transportation method/type code for the line items.

2. An application program conversion table may be required to convert agency codes to codes used by ASC X12.

Refer to 004010 Data Element Dictionary for acceptable code values.

	Ref. Des.	Data Element	Name	Attributes	
Not Used	**CAD02**	**206**	**Equipment Initial**	**O**	**AN 1/4**

Prefix or alphabetic part of an equipment unit's identifying number

Not Used	**CAD03**	**207**	**Equipment Number**	**O**	**AN 1/10**

Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)

Not Used	**CAD04**	**140**	**Standard Carrier Alpha Code**	**X**	**ID 2/4**

Standard Carrier Alpha Code

Must Use	**CAD05**	**387**	**Routing**	**X**	**AN 1/35**

Free-form description of the routing or requested routing for shipment, or the originating carrier's identity

Always cite the number 1. This data element is used to satisfy an X12 syntax requirement. The data, (i.e., the number 1), shall not be processed by the receiving application program.

Not Used	**CAD06**	**368**	**Shipment/Order Status Code**	**O**	**ID 2/2**

Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction

| Not Used | CAD07 | 128 | **Reference Identification Qualifier** | **O** | **ID 2/3** |

Code qualifying the Reference Identification

| Not Used | CAD08 | 127 | **Reference Identification** | **X** | **AN 1/30** |

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

| Not Used | CAD09 | 284 | **Service Level Code** | **O** | **ID 2/2** |

Code indicating the level of transportation service or the billing service offered by the transportation carrier

Segment: **SAC** Service, Promotion, Allowance, or Charge Information

Position:	180
Loop:	SAC Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Syntax Notes:

1. At least one of SAC02 or SAC03 is required.
2. If either SAC03 or SAC04 is present, then the other is required.
3. If either SAC06 or SAC07 is present, then the other is required.
4. If either SAC09 or SAC10 is present, then the other is required.
5. If SAC11 is present, then SAC10 is required.
6. If SAC13 is present, then at least one of SAC02 or SAC04 is required.
7. If SAC14 is present, then SAC13 is required.
8. If SAC16 is present, then SAC15 is required.

Semantic Notes:

1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
3. SAC08 is the allowance or charge rate per unit.
4. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
5. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
6. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
7. SAC16 is used to identify the language being used in SAC15.

Notes: *1. Use this 2/SAC/180 segment to identify charges that apply to a line item. If the charges apply to all of the line items, use the 3/SAC/040 segment.*

2. Use also to identify the amount of the line item total invoice amount that is to be applied to the accounting data cited in SAC15.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**SAC01**	**248**	**Allowance or Charge Indicator**	**M ID 1/1**

Code which indicates an allowance or charge for the service specified

A	Allowance
C	Charge
N	No Allowance or Charge

Use to indicate that the amount cited in SAC05 is to be applied to the accounting data identified in

			SAC15.		
	SAC02	**1300**	**Service, Promotion, Allowance, or Charge Code**	**X**	**ID 4/4**

Code identifying the service, promotion, allowance, or charge

Any code may be used except those referring to taxes which should be carried in the TXI segment.

F460   Postage

F650   Preparation
Use to indicate packing, crating and handling.

I170   Trade Discount

I260   Transportation Direct Billing

ZZZZ   Mutually Defined
Use to indicate the amount cited in SAC05 is to be applied to the accounting data identified in SAC15.

Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used	**SAC03**	**559**	**Agency Qualifier Code**	**X**	**ID 2/2**

Code identifying the agency assigning the code values

Not Used	**SAC04**	**1301**	**Agency Service, Promotion, Allowance, or Charge Code**	**X**	**AN 1/10**

Agency maintained code identifying the service, promotion, allowance, or charge

	SAC05	**610**	**Amount**	**O**	**N2 1/15**

Monetary amount

1. Use to identify the amount of the allowance or charge.

2. When SAC02 is code ZZZZ, cite the line item invoiced amount that is to be applied to the accounting data identified in SAC15.

	SAC06	**378**	**Allowance/Charge Percent Qualifier**	**X**	**ID 1/1**

Code indicating on what basis allowance or charge percent is calculated

Refer to 004010 Data Element Dictionary for acceptable code values.

	SAC07	**332**	**Percent**	**X**	**R 1/6**

Percent expressed as a percent

The amount shown is a percentage, e.g. two and a half percent should be shown as 2.5 (two point five). Do not write as .025.

	SAC08	**118**	**Rate**	**O**	**R 1/9**

Rate expressed in the standard monetary denomination for the currency specified

Use to identify the allowance or charge rate per unit.

	SAC09	**355**	**Unit or Basis for Measurement Code**	**X**	**ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Refer to 004010 Data Element Dictionary for acceptable code values.

	SAC10	380	**Quantity**	**X**	**R 1/15**

Numeric value of quantity

Use to identify the quantity to which the amount cited in SAC05 applies. SAC10/11 can be used together to specify a quantity range to which the amount in SAC05 applies.

	SAC11	380	**Quantity**	**O**	**R 1/15**

Numeric value of quantity

Use only if SAC10 is used. SAC10/11 can be used together to specify a quantity range.

Not Used	SAC12	331	**Allowance or Charge Method of Handling Code**	**O**	**ID 2/2**

Code indicating method of handling for an allowance or charge

Not Used	SAC13	127	**Reference Identification**	**X**	**AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Not Used	SAC14	770	**Option Number**	**O**	**AN 1/20**

A unique number identifying available promotion or allowance options when more than one is offered

	SAC15	352	**Description**	**X**	**AN 1/80**

A free-form description to clarify the related data elements and their content

1. Use only when additional clarification of SAC02 is required.

2. When SAC02 is code ZZZZ, identify the accounting data against which the amount cited in SAC05 is to be applied.

Not Used	SAC16	819	**Language Code**	**O**	**ID 2/3**

Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)

Segment:		**TXI** Tax Information			
Position:		190			
Loop:		SAC	Optional		
Level:		Detail			
Usage:		Optional			
Max Use:		10			
Purpose:		To specify tax information			
Syntax Notes:		1	At least one of TXI02 TXI03 or TXI06 is required.		
		2	If either TXI04 or TXI05 is present, then the other is required.		
		3	If TXI08 is present, then TXI03 is required.		
Semantic Notes:		1	TXI02 is the monetary amount of the tax.		
		2	TXI03 is the tax percent expressed as a decimal.		
		3	TXI07 is a code indicating the relationship of the price or amount to the associated segment.		
Notes:		*Use this 2/TXI/190 segment only if taxes to the cited charge amounts.*			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	TXI01	963	**Tax Type Code**	M	ID 2/2

Code specifying the type of tax

Use any code. Cited codes are preferred.

CA   City Tax
F1   FICA Tax
FD   Federal Tax
FT   Federal Excise Tax
GR   Gross Receipts Tax
LO   Local Tax
SA   State Fuel Tax
SE   State Tax
SF   Super Fund
LS   State and Local Sales Tax

Refer to 004010 Data Element Dictionary for acceptable code values.

	Ref. Des.	Data Element	Name	Attributes	
	TXI02	782	**Monetary Amount**	X	R 1/18

Monetary amount

	TXI03	954	**Percent**	X	R 1/10

Percentage expressed as a decimal

Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).

Not Used	TXI04	955	**Tax Jurisdiction Code Qualifier**	X	ID 2/2

Code identifying the source of the data used in tax jurisdiction code

Not Used	TXI05	956	**Tax Jurisdiction Code**	X	AN 1/10

Code identifying the taxing jurisdiction

| Not Used | **TXI06** | **441** | **Tax Exempt Code** | **X** | **ID 1/1** |

Code identifying exemption status from sales and use tax

| | **TXI07** | **662** | **Relationship Code** | **O** | **ID 1/1** |

Code indicating the relationship between entities

	A		Add

Use to indicate the tax amount is to be added to the charge amount being invoiced.

| | I | | Included |

Use to indicate the tax amount is already included in the charge amount being invoiced.

| | **TXI08** | **828** | **Dollar Basis For Percent** | **O** | **R 1/9** |

Dollar basis to be used in the percent calculation of the allowance, charge or tax

| Not Used | **TXI09** | **325** | **Tax Identification Number** | **O** | **AN 1/20** |

Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number

| Not Used | **TXI10** | **350** | **Assigned Identification** | **O** | **AN 1/20** |

Alphanumeric characters assigned for differentiation within a transaction set

	Segment:	**SLN** Subline Item Detail			
	Position:	200			
	Loop:	SLN Optional			
	Level:	Detail			
	Usage:	Optional			
	Max Use:	1			
	Purpose:	To specify product subline detail item data			

Syntax Notes:
1. If either SLN04 or SLN05 is present, then the other is required.
2. If SLN07 is present, then SLN06 is required.
3. If SLN08 is present, then SLN06 is required.
4. If either SLN09 or SLN10 is present, then the other is required.
5. If either SLN11 or SLN12 is present, then the other is required.
6. If either SLN13 or SLN14 is present, then the other is required.
7. If either SLN15 or SLN16 is present, then the other is required.
8. If either SLN17 or SLN18 is present, then the other is required.
9. If either SLN19 or SLN20 is present, then the other is required.
10. If either SLN21 or SLN22 is present, then the other is required.
11. If either SLN23 or SLN24 is present, then the other is required.
12. If either SLN25 or SLN26 is present, then the other is required.
13. If either SLN27 or SLN28 is present, then the other is required.

Semantic Notes:
1. SLN01 is the identifying number for the subline item.
2. SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
3. SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
4. SLN08 is a code indicating the relationship of the price or amount to the associated segment.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	SLN01	350	**Assigned Identification**	M	**AN 1/20**
			Alphanumeric characters assigned for differentiation within a transaction set		
Not Used	SLN02	350	**Assigned Identification**	O	**AN 1/20**
			Alphanumeric characters assigned for differentiation within a transaction set		
M	SLN03	662	**Relationship Code**	M	**ID 1/1**
			Code indicating the relationship between entities		
			O Information Only		
Must Use	SLN04	380	**Quantity**	X	**R 1/15**
			Numeric value of quantity		
Must Use	SLN05	C001	**Composite Unit of Measure**	X	
			To identify a composite unit of measure (See Figures Appendix for		

examples of use)

| M | C00101 | 355 | **Unit or Basis for Measurement Code** | M | ID 2/2 |

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Refer to 004010 Data Element Dictionary for acceptable code values.

| Not Used | C00102 | 1018 | **Exponent** | O | R 1/15 |

Power to which a unit is raised

| Not Used | C00103 | 649 | **Multiplier** | O | R 1/10 |

Value to be used as a multiplier to obtain a new value

| Not Used | C00104 | 355 | **Unit or Basis for Measurement Code** | O | ID 2/2 |

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

| Not Used | C00105 | 1018 | **Exponent** | O | R 1/15 |

Power to which a unit is raised

| Not Used | C00106 | 649 | **Multiplier** | O | R 1/10 |

Value to be used as a multiplier to obtain a new value

| Not Used | C00107 | 355 | **Unit or Basis for Measurement Code** | O | ID 2/2 |

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

| Not Used | C00108 | 1018 | **Exponent** | O | R 1/15 |

Power to which a unit is raised

| Not Used | C00109 | 649 | **Multiplier** | O | R 1/10 |

Value to be used as a multiplier to obtain a new value

| Not Used | C00110 | 355 | **Unit or Basis for Measurement Code** | O | ID 2/2 |

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

| Not Used | C00111 | 1018 | **Exponent** | O | R 1/15 |

Power to which a unit is raised

| Not Used | C00112 | 649 | **Multiplier** | O | R 1/10 |

Value to be used as a multiplier to obtain a new value

| Not Used | C00113 | 355 | **Unit or Basis for Measurement Code** | O | ID 2/2 |

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

| Not Used | C00114 | 1018 | **Exponent** | O | R 1/15 |

Power to which a unit is raised

| Not Used | C00115 | 649 | **Multiplier** | O | R 1/10 |

Value to be used as a multiplier to obtain a new value

| | SLN06 | 212 | **Unit Price** | X | R 1/17 |

Price per unit of product, service, commodity, etc.

| | SLN07 | 639 | **Basis of Unit Price Code** | O | ID 2/2 |

Code identifying the type of unit price for an item

			Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	SLN08	662	**Relationship Code**	O	ID 1/1
			Code indicating the relationship between entities		
	SLN09	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	SLN10	234	**Product/Service ID**	X	AN 1/48
			Identifying number for a product or service		
Not Used	SLN11	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	SLN12	234	**Product/Service ID**	X	AN 1/48
			Identifying number for a product or service		
Not Used	SLN13	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	SLN14	234	**Product/Service ID**	X	AN 1/48
			Identifying number for a product or service		
Not Used	SLN15	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	SLN16	234	**Product/Service ID**	X	AN 1/48
			Identifying number for a product or service		
Not Used	SLN17	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	SLN18	234	**Product/Service ID**	X	AN 1/48
			Identifying number for a product or service		
Not Used	SLN19	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	SLN20	234	**Product/Service ID**	X	AN 1/48
			Identifying number for a product or service		
Not Used	SLN21	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	SLN22	234	**Product/Service ID**	X	AN 1/48
			Identifying number for a product or service		
Not Used	SLN23	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		

Not Used	SLN24	234	**Product/Service ID**	X	**AN 1/48**
			Identifying number for a product or service		
Not Used	SLN25	235	**Product/Service ID Qualifier**	X	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	SLN26	234	**Product/Service ID**	X	**AN 1/48**
			Identifying number for a product or service		
Not Used	SLN27	235	**Product/Service ID Qualifier**	X	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	SLN28	234	**Product/Service ID**	X	**AN 1/48**
			Identifying number for a product or service		

Segment:	**N1** Name		
Position:	240		
Loop:	N1	Optional	
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To identify a party by type of organization, name, and code		
Syntax Notes:	1	At least one of N102 or N103 is required.	
	2	If either N103 or N104 is present, then the other is required.	
Semantic Notes:			
Notes:	*1. Whenever possible, address information should be transmitted using code values contained in a combination of the N101 and N103/4 data elements. Use N102 and N2-N4 segments only when it is necessary to transmit the full address. For example, if a contractor can be identified by a DUNS number, it is not necessary to transmit the contractor's full address since the relationship between the DUNS number and the contractor's address can be established by accessing a data base in which the information is stored, having been put there at the time the contractor electronically registered as a federal government trading partner.*		
	2. Use this 2/N1/240 loop to identify information pertaining to the line item. If the information applies to all of the line items, use the 1/N1/070 loop.		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	N101	98	**Entity Identifier Code**	**M ID 2/3**

Code identifying an organizational entity, a physical location, property or an individual

MQ	Metering Location
ST	Ship To

Use to indicate the address to which an item must be shipped. If the ship-to address is an FPO or APO, cite the FPO or APO zip code in N403, cite code AR in N405, and cite the two letter identifier (AA for Miami, AE for New York, AP for San Francisco) in N406.

SV	Service Performance Site

Use to indicate the location where a service was performed.

	N102	93	**Name**	**X AN 1/60**

Free-form name

Use only when N101 is either code ST or code SV to provide a text name. Do not use when the ship-to address can be identified by a code in N103/04. If the ship-to address is an APO or FPO, Cite APO or FPO as appropriate.

| | **N103** | **66** | **Identification Code Qualifier** | **X** | **ID 1/2** |

Code designating the system/method of code structure used for Identification Code (67)

While the federal EDI program uses the DUNS number, other government users of this implementation convention may require the use of other and additional numbers for a transition period in order to cross reference existing data bases.

| 1 | D-U-N-S Number, Dun & Bradstreet |
| 9 | D-U-N-S+4, D-U-N-S Number with Four Character Suffix |

Use to indicate the transacting parties where DUNS+4 is appropriate.

10	Department of Defense Activity Address Code (DODAAC)
33	Commercial and Government Entity (CAGE)
91	Assigned by Seller or Seller's Agent
92	Assigned by Buyer or Buyer's Agent
A2	Military Assistance Program Address Code (MAPAC)
FA	Facility Identification

This code will be deleted from the IC if no business case to retain it is provided.

| FI | Federal Taxpayer's Identification Number |

Use only if needed when receiving organization uses TIN to identify the sender's address.

| | **N104** | **67** | **Identification Code** | **X** | **AN 2/80** |

Code identifying a party or other code

| **Not Used** | **N105** | **706** | **Entity Relationship Code** | **O** | **ID 2/2** |

Code describing entity relationship

| **Not Used** | **N106** | **98** | **Entity Identifier Code** | **O** | **ID 2/3** |

Code identifying an organizational entity, a physical location, property or an individual

Segment:	**N2** Additional Name Information			
Position:	250			
Loop:	N1 Optional			
Level:	Detail			
Usage:	Optional			
Max Use:	2			
Purpose:	To specify additional names or those longer than 35 characters in length			
Syntax Notes:				
Semantic Notes:				
Notes:	*1. This segment is not necessary when the cited party can be identified by a code value in N101/03/04.*			
	2. Use, as applicable, with codes ST and SV, to provide the necessary identification for the payment.			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	N201	93	**Name** Free-form name	M AN 1/60
	N202	93	**Name** Free-form name	O AN 1/60

Segment:	**N3** Address Information		
Position:	260		
Loop:	N1	Optional	
Level:	Detail		
Usage:	Optional		
Max Use:	2		
Purpose:	To specify the location of the named party		
Syntax Notes:			
Semantic Notes:			
Notes:	*1. This segment is not necessary when the cited party can be identified by a code value in N101/03/04.*		
	2. Use, as applicable, with codes ST and SV, to provide the necessary identification for the payment.		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	N301	166	**Address Information**	**M AN 1/55**
			Address information	
	N302	166	**Address Information**	**O AN 1/55**
			Address information	

Segment: **N4** Geographic Location

Position:	270
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 If N406 is present, then N405 is required.
Semantic Notes:	
Notes:	*1. This segment is not necessary when the cited party can be identified by a code value in N101/03/04.*
	2. Use, as applicable, with codes ST and SV, to provide the necessary identification for the payment.

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
N401	19	**City Name**	O	AN 2/30
		Free-form text for city name		
N402	156	**State or Province Code**	O	ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency		
N403	116	**Postal Code**	O	ID 3/15
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
N404	26	**Country Code**	O	ID 2/3
		Code identifying the country		
		An application program conversion table may be required to convert agency codes to ASC X12 codes.		
N405	309	**Location Qualifier**	X	ID 1/2
		Code identifying type of location		
		AR Armed Services Location Designation		
		Use to indicate an Army Post Office (APO) or a Fleet Post Office (FPO).		
N406	310	**Location Identifier**	O	AN 1/30
		Code which identifies a specific location		

Segment:	**FA1** Type of Financial Accounting Data				
Position:	350				
Loop:	FA1	Optional			
Level:	Detail				
Usage:	Optional				
Max Use:	1				
Purpose:	To specify the organization controlling the content of the accounting citation, and the purpose associated with the accounting citation				
Syntax Notes:					
Semantic Notes:	**1**	FA101 Identifies the organization controlling the assignment of financial accounting information.			
	2	FA102 Identifies the purpose of the accounting allowance or charge information.			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**FA101**	**559**	**Agency Qualifier Code**	**M**	**ID 2/2**
			Code identifying the agency assigning the code values		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	FA102	**1300**	**Service, Promotion, Allowance, or Charge Code**	**O**	**ID 4/4**
			Code identifying the service, promotion, allowance, or charge		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	FA103	**248**	**Allowance or Charge Indicator**	**O**	**ID 1/1**
			Code which indicates an allowance or charge for the service specified		
			Refer to 004010 Data Element Dictionary for acceptable code values.		

Segment: **FA2** **Accounting Data**
Position: 360
Loop: FA1   Optional
Level: Detail
Usage: Mandatory
Max Use: >1
Purpose: To specify the detailed accounting data
Syntax Notes:
Semantic Notes:
Notes: *This segment is used to identify the federal agency's appropriation number relevant to this transaction. The appropriation number is provided by the federal agency to the vendor normally in a procurement document. In the 810 the appropriation number is just returned to the federal agency for identification and tracking purposes. The appropriation number in this transaction set should be repeated in the same format as received in the relevant initiating document provided by the federal agency associated with this transaction.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	FA201	1196	**Breakdown Structure Detail Code**	M ID 2/2
			Codes identifying details relating to a reporting breakdown structure tree	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
M	FA202	1195	**Financial Information Code**	M AN 1/80
			Code representing financial accounting information	

Segment:	**TDS** Total Monetary Value Summary		
Position:	010		
Loop:			
Level:	Summary		
Usage:	Mandatory		
Max Use:	1		
Purpose:	To specify the total invoice discounts and amounts		
Syntax Notes:			
Semantic Notes:	**1**	TDS01 is the total amount of invoice (including charges, less allowances) before terms discount (if discount is applicable).	
	2	TDS02 indicates the amount upon which the terms discount amount is calculated.	
	3	TDS03 is the amount of invoice due if paid by terms discount due date (total invoice or installment amount less cash discount).	
	4	TDS04 indicates the total amount of terms discount.	
Notes:	*There is no need to transmit either the currency symbol (e.g., the dollar sign $), commas separating thousands, or the decimal point because the amount data elements are N2 types which means that there are two decimal places implied in every transmitted number. When using, be sure to follow all whole numbers with two zeros to account for the implied two decimal places.*		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**TDS01**	**610**	**Amount**	**M N2 1/15**
			Monetary amount	
	TDS02	**610**	**Amount**	**O N2 1/15**
			Monetary amount	
			Use to identify the total amount of the invoice subject to discounts (which may vary by line item). Use is required if the dollar value subject to the terms discount is not equal to the dollar value cited in TDS01.	
	TDS03	**610**	**Amount**	**O N2 1/15**
			Monetary amount	
			Use to identify the total amount of the invoice minus allowances and discounts and plus the charges, as applicable.	
	TDS04	**610**	**Amount**	**O N2 1/15**
			Monetary amount	
			Use to identify the terms discount total amount applicable to the invoice.	

	Segment:	**TXI** Tax Information
	Position:	020
	Loop:	
	Level:	Summary
	Usage:	Optional
	Max Use:	10
	Purpose:	To specify tax information
	Syntax Notes:	1 At least one of TXI02 TXI03 or TXI06 is required.
		2 If either TXI04 or TXI05 is present, then the other is required.
		3 If TXI08 is present, then TXI03 is required.
	Semantic Notes:	1 TXI02 is the monetary amount of the tax.
		2 TXI03 is the tax percent expressed as a decimal.
		3 TXI07 is a code indicating the relationship of the price or amount to the associated segment.
	Notes:	*Use this 3/TXI/020 segment to identify the total tax amount applicable to the total invoiced amount.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	TXI01	963	**Tax Type Code**	M ID 2/2

Code specifying the type of tax

Use any code. Cited codes are preferred.

CA   City Tax
F1   FICA Tax
FD   Federal Tax
FT   Federal Excise Tax
GR   Gross Receipts Tax
LS   State and Local Sales Tax
LO   Local Tax
SA   State Fuel Tax
SE   State Tax
SF   Super Fund

Refer to 004010 Data Element Dictionary for acceptable code values.

	Ref. Des.	Data Element	Name	Attributes
	TXI02	782	**Monetary Amount**	X R 1/18

Monetary amount

| | TXI03 | 954 | **Percent** | X R 1/10 |

Percentage expressed as a decimal

Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).

| Not Used | TXI04 | 955 | **Tax Jurisdiction Code Qualifier** | X ID 2/2 |

Code identifying the source of the data used in tax jurisdiction code

| Not Used | TXI05 | 956 | **Tax Jurisdiction Code** | X AN 1/10 |

Code identifying the taxing jurisdiction

| **Not Used** | **TXI06** | **441** | **Tax Exempt Code** | **X** | **ID 1/1** |

Code identifying exemption status from sales and use tax

| | **TXI07** | **662** | **Relationship Code** | **O** | **ID 1/1** |

Code indicating the relationship between entities

A   Add

Use to indicate the total tax amount that must be added to the total invoice amount.

I   Included

Use to indicate the total tax amount is already included in the invoice total amount.

| | **TXI08** | **828** | **Dollar Basis For Percent** | **O** | **R 1/9** |

Dollar basis to be used in the percent calculation of the allowance, charge or tax

| **Not Used** | **TXI09** | **325** | **Tax Identification Number** | **O** | **AN 1/20** |

Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number

| **Not Used** | **TXI10** | **350** | **Assigned Identification** | **O** | **AN 1/20** |

Alphanumeric characters assigned for differentiation within a transaction set

Segment:	**CAD** Carrier Detail	
Position:	030	
Loop:		
Level:	Summary	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify transportation details for the transaction	
Syntax Notes:	**1** At least one of CAD05 or CAD04 is required.	
	2 If CAD07 is present, then CAD08 is required.	
Semantic Notes:		
Notes:	*1. Use only when a different type of transportation method is used than identified in the purchase order.*	
	2. Use this 3/CAD/030 segment to identify transportation information that applies to all line items. When the transportation information varies by line item, use the 2/CAD/160 segment.	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
CAD01	**91**	**Transportation Method/Type Code**	**O ID 1/2**
		Code specifying the method or type of transportation for the shipment	
		1. Use to indicate the transportation method/type code for the line items.	
		2. An application program conversion table may be required to convert agency codes to codes used by ASC X12.	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used CAD02	**206**	**Equipment Initial**	**O AN 1/4**
		Prefix or alphabetic part of an equipment unit's identifying number	
Not Used CAD03	**207**	**Equipment Number**	**O AN 1/10**
		Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)	
Not Used CAD04	**140**	**Standard Carrier Alpha Code**	**X ID 2/4**
		Standard Carrier Alpha Code	
Must Use CAD05	**387**	**Routing**	**X AN 1/35**
		Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	
		Always cite the number 1. This data element is used to satisfy an X12 syntax requirement. The data shall not be processed by the receiving application program.	
Not Used CAD06	**368**	**Shipment/Order Status Code**	**O ID 2/2**
		Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction	

Not Used   **CAD07**   **128**   **Reference Identification Qualifier**   **O   ID 2/3**

Code qualifying the Reference Identification

Not Used   **CAD08**   **127**   **Reference Identification**   **X   AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Not Used   **CAD09**   **284**   **Service Level Code**   **O   ID 2/2**

Code indicating the level of transportation service or the billing service offered by the transportation carrier

Segment:	**SAC** Service, Promotion, Allowance, or Charge Information
Position:	040
Loop:	SAC Optional
Level:	Summary
Usage:	Optional
Max Use:	1
Purpose:	To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge
Syntax Notes:	1 At least one of SAC02 or SAC03 is required.
	2 If either SAC03 or SAC04 is present, then the other is required.
	3 If either SAC06 or SAC07 is present, then the other is required.
	4 If either SAC09 or SAC10 is present, then the other is required.
	5 If SAC11 is present, then SAC10 is required.
	6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
	7 If SAC14 is present, then SAC13 is required.
	8 If SAC16 is present, then SAC15 is required.
Semantic Notes:	1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
	2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
	3 SAC08 is the allowance or charge rate per unit.
	4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
	5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
	6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
	7 SAC16 is used to identify the language being used in SAC15.
Notes:	*Use the 3/SAC/040 segment to identify total charges that are not being invoiced as a line item. These amounts are included in the TDS segment.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	SAC01	248	**Allowance or Charge Indicator**	M ID 1/1
			Code which indicates an allowance or charge for the service specified	
			A Allowance	
			C Charge	
	SAC02	1300	**Service, Promotion, Allowance, or Charge Code**	X ID 4/4
			Code identifying the service, promotion, allowance, or charge	
			Use any code except those that are tax related. Those codes should be carried in the TXI segment.	
			F460 Postage	

			I170 Trade Discount		
			I260 Transportation Direct Billing		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	SAC03	559	**Agency Qualifier Code**	X	**ID 2/2**
			Code identifying the agency assigning the code values		
Not Used	SAC04	1301	**Agency Service, Promotion, Allowance, or Charge Code**	X	**AN 1/10**
			Agency maintained code identifying the service, promotion, allowance, or charge		
	SAC05	610	**Amount**	O	**N2 1/15**
			Monetary amount		
			Use to identify the amount of the allowance or charge.		
	SAC06	378	**Allowance/Charge Percent Qualifier**	X	**ID 1/1**
			Code indicating on what basis allowance or charge percent is calculated		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	SAC07	332	**Percent**	X	**R 1/6**
			Percent expressed as a percent		
			The amount shown is a percent, e.g. two and a half percent should be shown as 2.5 (two point five). Do not write the percent as .025.		
	SAC08	118	**Rate**	O	**R 1/9**
			Rate expressed in the standard monetary denomination for the currency specified		
			Use to identify the allowance or charge rate per unit.		
	SAC09	355	**Unit or Basis for Measurement Code**	X	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	SAC10	380	**Quantity**	X	**R 1/15**
			Numeric value of quantity		
			Use to identify the quantity to which the amount cited in SAC05 applies. SAC10/11 can be used together to specify a quantity range to which the amount in SAC05 applies.		
	SAC11	380	**Quantity**	O	**R 1/15**
			Numeric value of quantity		
			Use only if SAC10 is used. SAC10/11 can be used together to specify a quantity range.		
Not Used	SAC12	331	**Allowance or Charge Method of Handling Code**	O	**ID 2/2**
			Code indicating method of handling for an allowance or charge		
Not Used	SAC13	127	**Reference Identification**	X	**AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	SAC14	770	**Option Number**	O	**AN 1/20**

			A unique number identifying available promotion or allowance options when more than one is offered		
	SAC15	**352**	**Description**	**X**	**AN 1/80**
			A free-form description to clarify the related data elements and their content		
			Use only when additional clarification of codes in SAC02 is required.		
Not Used	**SAC16**	**819**	**Language Code**	**O**	**ID 2/3**
			Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)		

	Segment:	**TXI** Tax Information
	Position:	050
	Loop:	SAC Optional
	Level:	Summary
	Usage:	Optional
	Max Use:	10
	Purpose:	To specify tax information
	Syntax Notes:	1 At least one of TXI02 TXI03 or TXI06 is required.
		2 If either TXI04 or TXI05 is present, then the other is required.
		3 If TXI08 is present, then TXI03 is required.
	Semantic Notes:	1 TXI02 is the monetary amount of the tax.
		2 TXI03 is the tax percent expressed as a decimal.
		3 TXI07 is a code indicating the relationship of the price or amount to the associated segment.
	Notes:	*Use this 3/TXI/050 segment to identify total taxes applicable to total charge amounts. These amounts are included in TDS segment.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	TXI01	963	**Tax Type Code**	**M ID 2/2**

Code specifying the type of tax

Use any code. Cited codes are preferred.

CA   City Tax
F1   FICA Tax
FD   Federal Tax
FT   Federal Excise Tax
GR   Gross Receipts Tax
LO   Local Tax
SA   State Fuel Tax
SE   State Tax
SF   Super Fund
LS   State and Local Sales Tax

Refer to 004010 Data Element Dictionary for acceptable code values.

	TXI02	782	**Monetary Amount**	**X R 1/18**

Monetary amount

	TXI03	954	**Percent**	**X R 1/10**

Percentage expressed as a decimal

Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).

Not Used	TXI04	955	**Tax Jurisdiction Code Qualifier**	**X ID 2/2**

Code identifying the source of the data used in tax jurisdiction code

Not Used	TXI05	956	**Tax Jurisdiction Code**	**X AN 1/10**

Code identifying the taxing jurisdiction

Not Used **TXI06** **441** **Tax Exempt Code** **X ID 1/1**

Code identifying exemption status from sales and use tax

TXI07 **662** **Relationship Code** **O ID 1/1**

Code indicating the relationship between entities

A Add

Use to indicate the total tax amount applicable to the total charges that must be added to the total invoice amount.

I Included

Use to indicate the total tax amount applicable to the total charges that is already included in the total invoice amount.

TXI08 **828** **Dollar Basis For Percent** **O R 1/9**

Dollar basis to be used in the percent calculation of the allowance, charge or tax

Not Used **TXI09** **325** **Tax Identification Number** **O AN 1/20**

Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number

Not Used **TXI10** **350** **Assigned Identification** **O AN 1/20**

Alphanumeric characters assigned for differentiation within a transaction set

			Segment:	**CTT** Transaction Totals

Segment: **CTT** Transaction Totals

Position: 070

Loop:

Level: Summary

Usage: Optional

Max Use: 1

Purpose: To transmit a hash total for a specific element in the transaction set

Syntax Notes: 1 If either CTT03 or CTT04 is present, then the other is required.

2 If either CTT05 or CTT06 is present, then the other is required.

Semantic Notes:

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	CTT01	354	**Number of Line Items**	M	**N0 1/6**
			Total number of line items in the transaction set		
			Use to indicate the number of times the IT1 loop was used in the transaction set.		
	CTT02	347	**Hash Total**	O	**R 1/10**
			Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. --------- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.		
Not Used	CTT03	81	**Weight**	X	**R 1/10**
			Numeric value of weight		
Not Used	CTT04	355	**Unit or Basis for Measurement Code**	X	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	CTT05	183	**Volume**	X	**R 1/8**
			Value of volumetric measure		
Not Used	CTT06	355	**Unit or Basis for Measurement Code**	X	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	CTT07	352	**Description**	O	**AN 1/80**
			A free-form description to clarify the related data elements and their content		

Segment: **SE** **Transaction Set Trailer**
Position: 080
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax Notes:
Semantic Notes:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	SE01	96	**Number of Included Segments**	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
M	SE02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			Cite the same number that is contained in ST02.	